

**RECEIVED**  
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SEP 20 1973  
(Other instructions on reverse side)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

COLO. OIL & GAS CONS. COM

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 CITIES SERVICE OIL COMPANY

3. ADDRESS OF OPERATOR  
 1600 BROADWAY, SUITE 900, DENVER, COLORADO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 760 FNL, 1990 FEL  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 4 1/2 Miles West of Walden, Colorado on County Road

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 760'  
 16. NO. OF ACRES IN LEASE 2240  
 17. NO. OF ACRES ASSIGNED TO THIS WELL 80 Acres (Oil) 640 (Gas)

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. No other wells on Lease  
 19. PROPOSED DEPTH 8300'  
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8125 GR  
 22. APPROX. DATE WORK WILL START\* November 1, 1973

5. LEASE DESIGNATION AND SERIAL NO. MMC-11502

6. IF INDIAN, ALLOTTEE OR TRIBE NAME None

7. UNIT AGREEMENT NAME None

8. FARM OR LEASE NAME Federal "B"

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34-T9N-R80W

12. COUNTY OR PARISH Jackson  
 13. STATE Colorado

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	800'	500 sks
7 7/8"	4 1/2"	9.5#	8300'	500 sks

Objectives: K-Hygiene (3455')  
 K-Dakota (8091')

Mud Program: 0-800': Water and native mud.  
 800'-TD: 9.0#-9.5# mud.

Adequate blowout preventers and kill line will be installed and pressure tested before drilling out under surface casing.  
 Blowout preventers will be checked daily and tests logged.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED W. Moore TITLE Assistant Region Manager DATE 9-18-73

(This space for Federal or State office use)

PERMIT NO. 73 768 APPROVAL DATE DIRECTOR SEP 20 1973

APPROVED BY W. Rogers TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:



00287206  
See instructions On Reverse Side

A.P.I. NUMBER  
05 0576084